



Wolf Creek Dam Weekly Update

US Army Corps of Engineers
Nashville District

09 April 2008

Construction Report

Foundation Grouting

Boart Longyear continued drilling (overburden) and casing using the sonic method in the critical section of TO#4. Boart is running 2 rigs. There are a total of 1141 holes in overburden, drilled and cased.

Production rock drilling (with 3 Cubex drills) on the work platform continued this week, as well as pressure washing and grouting operations.

ACT/Boart Longyear has temporarily suspended working on V-Line treatment in order to concentrate on initial line closure; 8 of the 23 V-Line holes have been completed.

285 holes have been identified as necessary for initial line closure. Of those 285 holes, 214 are complete, or 75%. 65 holes are in progress, with grouting operations ongoing in 61 of those.

There is a total of over 632,300 gallons of grout in 826 holes along the embankment. To date, over 636,804 gallons of grout have been pumped into the foundation in all areas.



Grouting Work Platform

This Week's Activities

- Continue sonic drilling and installation of PVC casing by Boart Longyear with 2 drill rigs
- Continue rock production drilling with 1 to 2 Cubex drills, with concentration in the priority areas needed for initial line closure
- Continue pressure testing and grouting, with concentration in the priority areas needed for initial line closure

Water Management Report

Lake Cumberland elevation on 4/07/08 was 694.16 ft and slowly rising. The releases at Wolf Creek Dam have been increased from three to four hydropower units running around the clock at noon today. Storage was utilized for a flood damage reduction operation currently underway to reduce flood impacts on the lower Ohio and Mississippi Rivers. No significant rainfall is predicted for the Lake Cumberland basin for the next three days.

Lake Cumberland Elevation

694.16

Time: 0600

07 Apr 2008

